Better Home, Better Life.

2014 MONEUAL PRODUCT

MONEUAL®

2014 MONEUAL PRODUCT

MONEUAL _02
Robot Appliance
- ME770 _06
- ME685/MR6800M _10
- ME670/MR6500 _12
- MR7700 _14
- RoboSpin _16

Bed & Clothes Vacuum Cleaner
- HC-600 _18
- HC-700 _20

Massage Chair
- ZM8000 _22
- ZM6000 _23
- ZM7300X _23

Specification _24

Better Home, Better Life.

Moneual Inc. is a global home electronics and appliances company established in April 2001 and is one of the first developers of high quality Home Theater Personal Computers (HTPC) for family entertainment, Moneual's product line has expanded in manufacturing and designing consumer robots and eco-friendly, innovative products.
With the Moneual mission of a "Better Home, Better Life", Moneual applies robotics and advanced technology to create a convenient and joyful digital environment for families and their lifestyles.

In IFA 2014, Moneual proudly introduces MONEUAL's most advanced Robot Cleaner ME770, Robospin, Bed Vacuum Cleaner and etc.

Moneual HQ

IFA 2014 Booth

Awards

Moneual has received a continuous stream of recognition in Robot Cleaner category such as CES Innovation 2011 Award followed by the SPARK 2012 Award, reddot design 2013 award, CES Innovation 2014 Award, two PLUS X 2014 Awards and Good Test Result of MR6800M awarded by Test Magazine in March, 2014.

PLUS X AWARD® honored as: BEST PRODUCT OF THE YEAR 2014

PLUS X AWARD® achieved for: Innovation, High Quality, Design, Functionality

TESTMAGAZIN · URTEIL

MONEUAL MR6800M

GUT 87,2 %

Im Test: **5 Wischroboter**
Testurteile: **3x gut, 2x befriedigend**
Heft 03/2014

INTERNATIONAL CES INNOVATIONS DESIGN AND ENGINEERING AWARDS 2014 HONOREE

DESIGN & ENGINEERING SHOWCASE HONORS INNOVATIONS INTERNATIONAL CES 2011

reddot design award
honourable mention 2013

THE SPARK 2012 INTERNATIONAL DESIGN AWARDS

2007

Microsoft Innovations Award
MONEUAL 902(HTPC)

2008

Microsoft Fashion PC Award
MONEUAL 701(Jewelry HTPC)

CES Innovations Awards
MONEUAL 701(Jewelry HTPC)
MONEUAL 972(HTPC)

2009

CES Innovations Award
MONEUAL 401(HTPC)

2007 ~2009

Introduced in CES Keynote for three consecutive years
MONEUAL 902(HTPC)
MONEUAL 701(Jewelry HTPC)
MiNEW S10(Mini PC)

2011

CES Innovations Awards
SONAMU G100
(Eco-Friendly PC)
MONEUAL TRAPEZIUM
(Wireless Dual Bluetooth HTPC)
MiNEW DSPC
(Dual Screen PC)
MONEUAL PLAY BALL
(Wireless HTPC, Speakers, and Remote Control)
RYDIS H1004
(Robot Air Purifier)
RYDIS R750
(Robot Vacuum Cleaner)

2012

CES Innovations Awards
MONEUAL UM-200
(Universal Remote Control)
RYDIS H1004-II
(Silver Care / Air Purifier Robot)

THE SPARK 2012 International Design Award
MONEUAL MR6500
(Robot Vacuum Cleaner)

2013

CES Best of Innovations Awards
MTT300
(Touch Table PC)
SCS1000
(Smart Care System for Hearing Impaired Person)

CES Innovations Awards
SC3000
(Smart Communicator Plant Care)
MMG1000
(Moneual by Magic Smart Water Purifier)
HC800C
(Smart Home Server Air Purifier)

reddot design award honourable mention 2013
MR6500
(Robot Vacuum Cleaner)

2014

CES Innovations Awards
Smart Robot Vacuum system
(Intelligent Robot Vaccum Cleaner System)
RoboSpin
(Wet Mop hard floor cleaner)
Smart Watch Baby Monitor
(Baby Monitor for hearing-impaired)
X-PILLAR
(Audio Module for TV docking)
4S PC
(Multi-feature desktop PC)

Plus X-AWARD honored as BEST PRODUCT OF THE YEAR 2014
MR6800M (Robot Vacuum Cleaner)

Plus X-AWARD achieved for Innovation / High Quality / Design / Functionality
MR6800M (Robot Vacuum Cleaner)

Testmagazin
MR6800M (Robot Vacuum Cleaner)

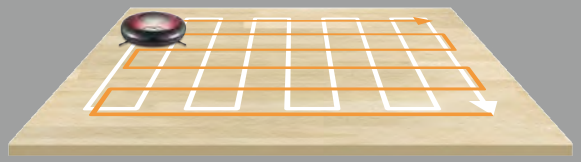
Smart Vision Mapping Hybrid Robot Cleaner

ME770

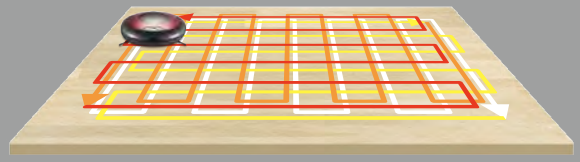
The latest proudct in MONEUAL's Better Home, Better Life line, the ME770 features cutting-edge, smart robotic technology.
With Smart Vision Mapping technology capable of trakcing its own location to develop effective cleaning patterns, ME770 truly pushes the boundaries of automation.
Using Smart Vision Mapping, ME770 will outline a wall-to-wall path to ensure every surface and conrner is covered

SVM (Smart Vision Mapping) Technology

ME770 uses Smart Vision Mapping technology to outline a wall-to-wall path to ensure every surface. ME770 uses the top-facing camera that figures out the shape of the room, keeping track of landmarks on the ceiling to determine where it's been and where it still needs to go.
Deep Clean pattern of ME770 covers the room horizontally and then vertically.
Double Deep Clean option goes over the Deep clean path for a second time to ensure spotless floors and exceptional performance



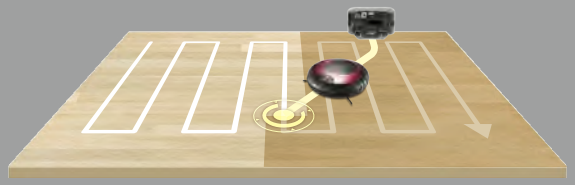
Deep Cleaning



Double Deep Cleaning

Position Recognition System

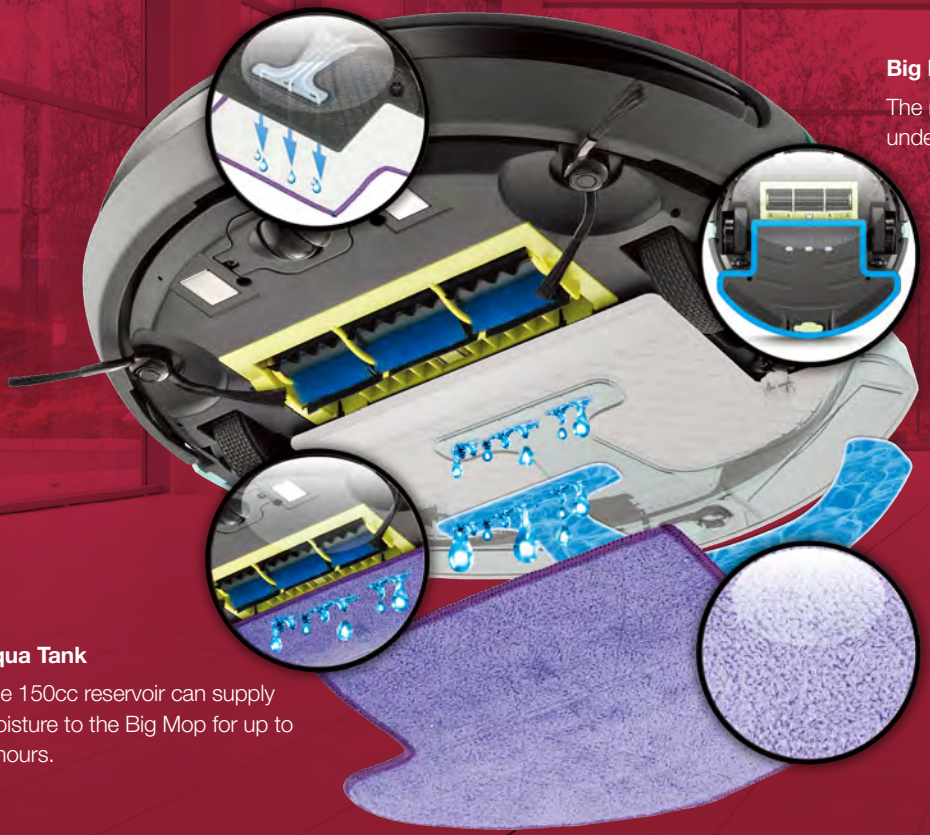
Position Recognition System with camera can upgrade his cleaning performance. While ME770 is cleaning, if ME770 is discharged, automatically ME770 goes to the charging station. After ME770 is fully charged, ME770 come back to the last cleaning spot and restart cleaning.



ME770

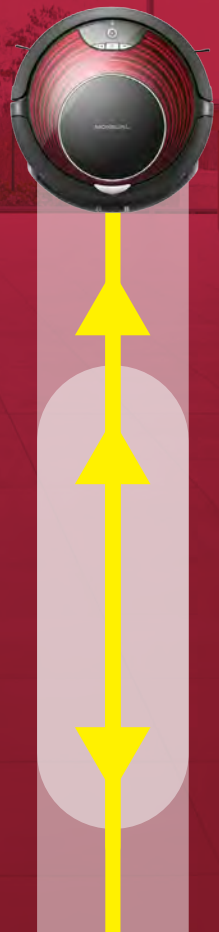
Trickle Points

Evenly distributed 3 trickle holes secretes droplets to continuously moisten the mop.



Big Mop pad

The mop covers half of the entire area underneath the cleaner.



Aqua Tank

The 150cc reservoir can supply moisture to the Big Mop for up to 3 hours.

Microfiber Mop

460cm^2 microfiber mop is designed to reduce water usage, protects surfaces, attracts and removes dirt effectively.

ME770 Mop Cleaning Pattern

Sweep Pattern, back-and-forth motion cleans the floor three times in a straight line.

SVM Technology capable of tracking its own location to develop effective cleaning patterns

Large capacity water reservoir which dispenses liquid during the cleaning cycle

The most advanced smart sensors to minimize collision and protect your furniture

Motion Control
Light motion using RF remote controller let ME770 controlled like playing a game. The Motion Control function provides fun and convenience with users.

Shadow cleaning mode to clean hard-to-reach places like under your bed or sofa

High performance BLDC motor to provide the more thorough cleaning with superior suction power

2800mAh of Eco-friendly LiFePO4 battery as a factory default enables to last powerful, intelligent cleaning performance to the end of cleaning.

ME770	
Cleaning Method	Vacuum suction + Brushes / Mop
Cleaning Mode	Hybrid, Vacuum, Mop, Corner, Intensive, Manual, Reserved, Shadow
Suction Motor	BLDC Motor
Obstacle Detection	Vision sensor, PSD Sensor, RF Sensor, Bumper Sensor
Mop	Washable Big Mop with Aqua Tank
Brush	Main Brush/ Twin Side Brushes
Battery	Lithium Iron Phosphate (LiFePO4) 2800mAh
Water Storage	Up to 150cc
Battery Life	Charge / Use 1000 times
Charging Time	2800mAh Battery : 120 min
Operation Time	Normal 120 min, Turbo 80 min
Dust Bin Size	600ml

Advanced Hybrid Robot Cleaner

ME685 / MR6800M

The ME685 / MR6800M are the next generation of robotic cleaners with a sophisticated wet mop cleaning technology specifically designed for hard floor care.

460cm² microfiber mop is designed to reduce water usage, protects surfaces, attracts and removes dirt effectively

Large capacity water reservoir which dispenses liquid during the cleaning cycle

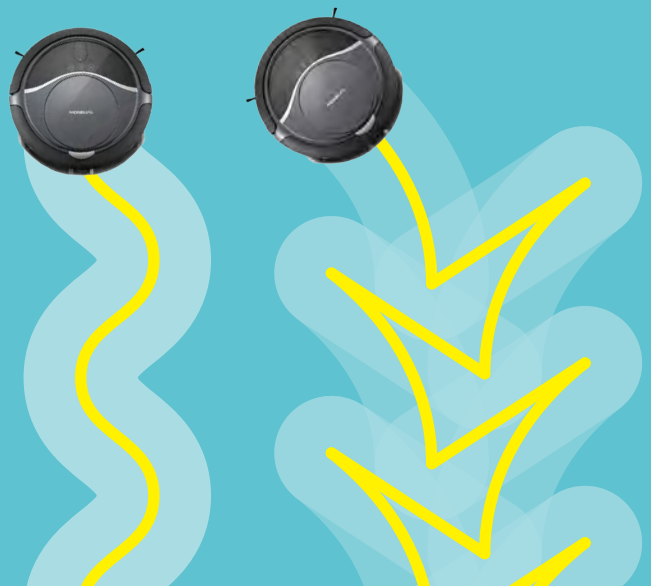
Full Utilization of 4 in 1 Cleaning Technology

Twin Side Brush	Multi Suction Brush	BLDC Suction	Big Mop with Aqua Tank
The rotating twin side brushes sweep in the dusts and dirt in corners and edges.	Picks up lager dirt particles collected by the twin side brushes.	With a high-efficiency filter and powerful suction motor MONEUAL ME685/MR6800 capture particles of 0.3microns or larger.	The 5 oz (150cc) reservoir aqua tank can supply moisture to the Big Mop for up to 3 hours

Most Effective Mop Pattern

Wave Pattern, Quick process speed to clean a large area

Zigzag Pattern, Slow Process speed for precise cleaning performance at the end.



ME685 / MR6800M

Cleaning Method	Vacuum suction + Brushes / Mop
Cleaning Mode	Automatic, Mop, Shadow, Corner, Intensive, Manual, Reservation
Suction Motor	BLDC Motor
Obstacle Detection	PSD Sensor, IR Sensor, Bumper Sensor
Mop	Washable Big Mop with Aqua Tank
Brush	Main Brush / Twin Side Brushes
Battery	Lithium Iron Phosphate (LiFePO4)
Water Storage	Up to 150cc
Battery Life	Charge / Use 1000 times
Charging Time	1400mAh Battery : 60 min (Optional) 2800mAh Battery : 120 min
Operation Time	1400mAh Battery : Normal 60 min Turbo 40 min (Optional) 2800mAh Battery : Normal 120 min Turbo 80 min
Dust Bin Size	600ml

reddot design award
honourable mention 2013

THE SPARK 2012 INTERNATIONAL DESIGN AWARDS

Robot Cleaner
for Daily Floor Care

ME670 / MR6500

The MR6500 and ME670 are equipped with signature features such as high performance BLDC motor, long lasting 1400mAh Lithium Iron Phosphate battery, and hybrid vacuum/dry mop function to clean both hard and carpeted surfaces. Also, smart sensors are located in all direction to steer away from cliffs and avoid collision with obstacles.

Cleaning Method	Vacuum Suction + Brushes
CleaningMode	Automatic, Corner, Intensive, Manual, Reserved, Shadow
Suction Motor	BLDC Motor
Obstacle Detection	PSD Sensor IR Sensor, Bumper Sensor
Brush	Main Brush / Twin Side Brushes
Battery	Lithium Iron Phosphate (LiFePO4)
Battery Life	Charge / Use 1000 times
Charging Time	1400mAhBattery : 60 min (Optional) 2800mAh Battery : 120 min
Operation Time	1400mAh Battery : Normal 60 min Turbo 40 min (Optional) 2800mAh Battery : Normal 120 min Turbo 80 min
Dust Bin Size	600ml

World's First Shadow Cleaning Mode
The Shadow Cleaning Mode detects and performs concentrated cleaning in areas that does not receive direct light such as underneath large furniture like couches and beds.

High Performance BLDC Motor
The powerful BLDC vacuum motor provides high output to produce excellent cleaning results with the highest performance of its kind of an operation lifetime that is 10 times longer (5,000 more hours of use) than the standard DC motor.

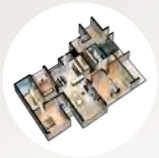
Removable Microfiber Mop
The removable microfiber mop pad can be easily attached for cleaning hard floor surfaces.

Twin Side Brushes
The design of the twin side brushes enables the gathering and suction of dust from corners and walls that a vacuum alone would not be able to clean.

Intelligent Robot Cleaner

MR7700

As a CES 2011 Innovation Award Honoree, the Moneual MR7700 can map out the space with its SMART Mapping Technology.



Smart Mapping Technology
MR7700 can recognize its position and set the optimal cleaning path with Smart Mapping Technology.

Powerful Suction and Twin Side Brushes
MR7700 has 3 vacuum power settings to customize cleaning needs. Twin side brushes clean close to all edges and corners, creating a wide effective cleaning area.

MotionPlay - World's first RF Motion Remote Control
Just like playing video games, users can clean the room with the RF Motion Remote Controller.

55 Prerecorded Voice Status Announcements
MR7700 can announce its current status or errors with 55 prerecorded voice announcements.

MR7700	
Cleaning Method	Vacuum suction + Brushes
Cleaning Mode	Automatic, Corner, Intensive, Manual, Shadow, Macro, Scheduled
Obstacle Detection	PSD Sensor, RF Sensor, Bumper Sensor
Brush	Main Brush / Twin Side Brushes
Battery	Lithium Iron Phosphate (LiFePO4)
Battery Life	Charge / Use 1000 times
Charging Time	1400mAh Battery: 60 min (Optional) 2800mAh Battery : 120 min
Operation Time	1400mAh Battery : Normal 60 min Turbo 40 min (Optional) 2800mAh Battery : Normal 120 min Turbo 80 min
Dust Bin Size	800ml

Dedicated Hard Floor Robot Mop Cleaner

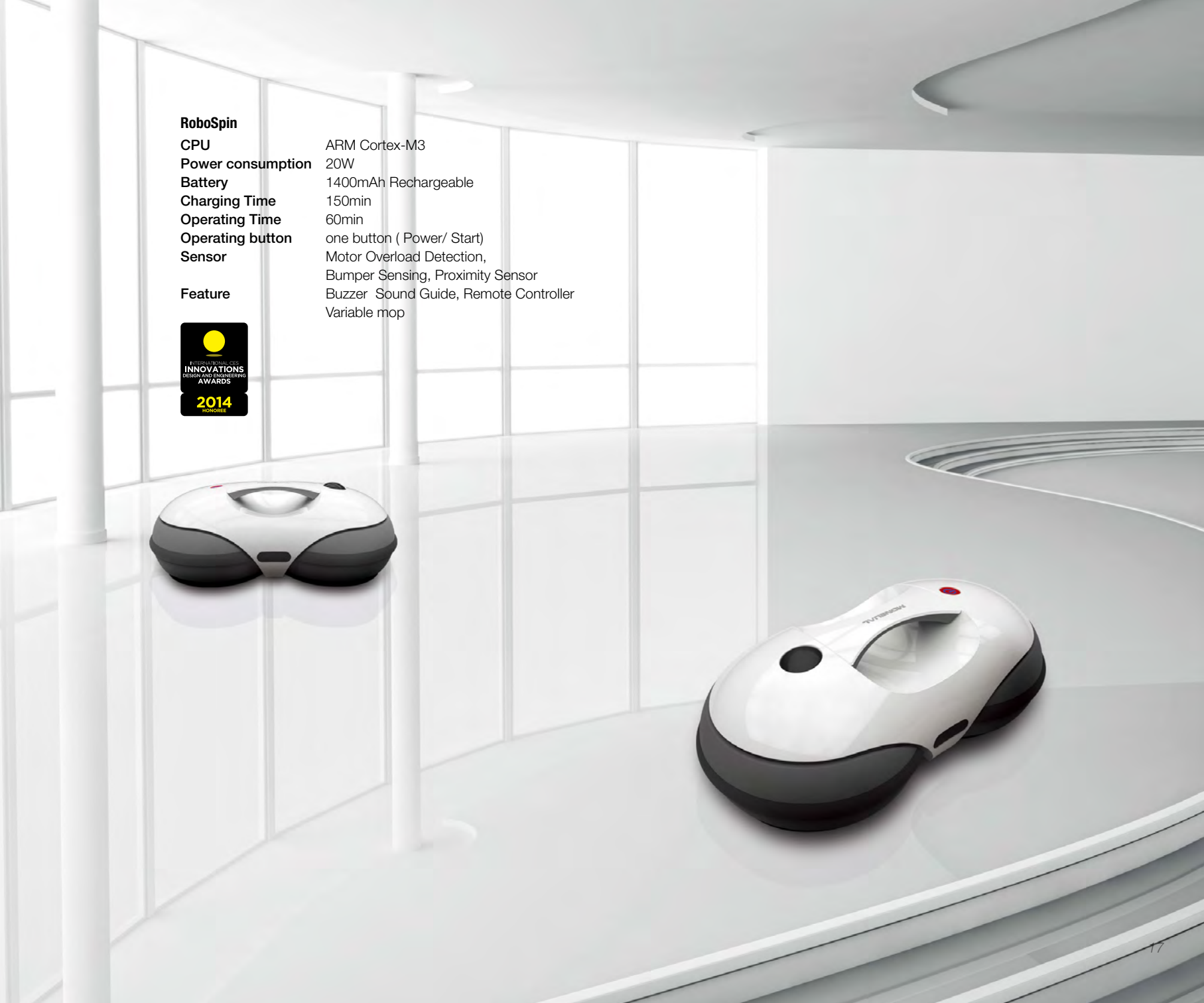
RoboSpin

A wheel-less automatic hard floor cleaner intended for sweeping and mopping hard floor surfaces, joins Moneual's Better Home, Better Life line of products, designed to improve your life through innovation. Featuring two rotating pads, the RoboSpin performs intensive cleaning and polishing work. Customary of Moneual products, the RoboSpin includes specialized cleaning modes that can be programmed and set automatically. With the push of a button, you're on your way to a cleaner, fresher home.

RoboSpin

CPU	ARM Cortex-M3
Power consumption	20W
Battery	1400mAh Rechargeable
Charging Time	150min
Operating Time	60min
Operating button	one button (Power/ Start)
Sensor	Motor Overload Detection, Bumper Sensing, Proximity Sensor
Feature	Buzzer Sound Guide, Remote Controller Variable mop

INTERNATIONAL CES INNOVATIONS DESIGN AND ENGINEERING AWARDS 2014 HONOREE



reddot design award
honourable mention 2012

UV-C Bedclothes Vacuum Cleaner

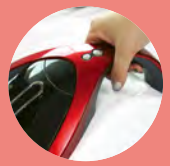
HC-600

The Red Dot Design Award and Good Design Award Winning UV-C sterilization vacuum cleaner sanitizes bedding, sofa, cushions, carpets, and clothes via UV light exposure. And thanks to a wide suction hole and 600W suction power, this is a perfect home sanitizing solution.

Powerful suction & Anti-stick roller
Exclusively developed roller is solved a problem of sticking for fabrics and bedding. Wide suction hole & strong vacuum motor. (600Watt)

Vibration
Clean all dust mites and fine dusts by 3,600RPM vibration pad.

UV sterilization lamp
HC-600 is using UV Sterilization lamp. It can sterilize dust mites, bacteria, Salmonella, Colon bacteria.



Smart Handle Sensor (Option)
Operation pauses automatically if you release your hand from the handle and resumes when you grab it again.
(Pause is temporary for convenience)

High Efficiency filter
HC-600 can filter microscopic dust and it can care the air by filter used to air cleaner.
* Filter : 0.3㎛ filtering

Floor Detection sensor
If HC-600 is removed from the floor, then UV rays lamp will be automatically turned off. UV rays exposure will be prevented.

Dust bin
Easy to exchange filter and washable bin. You can manage bin in a hygienic way.

Air freshener (Option)
HC-600 has added air freshener at ventilation hole to maximize sterilization effect.
(Jasmine / Lemon)

HC-600

Motor Power	600W
UV Lamp	Ultraviolet rays lamp
UV Lamp Control	Sensor
Display	LED icon display
Filter	High Efficiency filter
Vibration	3,600 RPM
Voltage	110V / 220V
Color	Green / Blue / Red
Option	Air Freshener (Jasmine / Lemon)
	Smart Handle Sensor (Touch handle sensor)

UV Bed & Clothes Vacuum Cleaner

HC-700

HC-700 is the best UV anti-allergy & asthma vacuum cleaner. It is specially designed to clean bedding, sofa, carpet, mattresses, and clothes including other fabrics to protect your health from invisible ticks and bacteria in your house. HC-700 effectively eliminates all the dust mites, bedbugs, fine dust, bacteria by UV Sterilization lamp & High Efficiency filter. Also HC-700 is attracting customers with user-friendly design and various colors.

HC-700

Rated Power Consumption	220V~, 60Hz
Rated Voltage	500W
Product Size	250mm(W) x 304mm(D) x 222mm(H)
Net Weight	2.2Kg
Gross Weight	3.4Kg
Sterilization Wavelength	253.7nm
UV Lamp	6W
Color	Green / Blue / Mint / Red

500W of Strong Vacuum Motor
Low Noise of Strong Suction enables to clean Fine Dust completely

Cyclone Technology
Fine Dust doesn't stick to a filter

Human Technology Design
User Friendly Handle Design doesn't give hardness to hands and wrists

Extension Hose
Attaching extension hose to the HC-700, it can clean crevice in every nook and corner

User Friendly Design (Wind Direction Change)
Not to come wind to ther user, the user can change Wind Direction

UV Sterilization Lamp
Wide glancing angle of UV lamp eliminates various bacteria on the bed, sofa and etc.

Premium
Massage Chair

ZM8000

High-End features with premium ergonomic design!
Powerful and delicate massage experience!
Sliding (ZERO WALL) function for effective space usage!

- ZERO WALL recliner mechanism
- Zero Gravity function
- Max. 170 degree backrest recline
- 7 Auto Massage Program
- Emulates massage methods of Shiatsu, kneading, flapping, knocking, and synchronous kneading and flapping
- Auto Massage Timer (5min. / 10min. / 15min. / 20min. / 25min. / 30 min.)
- Auto Body Scan
- Adjustable Legrest(13.5Cm)
- Synthetic Leather Outer Cover
- Convenient Change with Zipper Type
- Specialized stretching and leg massage

3 Way Massage | Location | Concentration | Air Choice | Air Power | Massage Speed | Detailed Control | Lower Body Control | Zero Gravity | Heating | Location Control | Timer

ZM6000

COMPACT size massage chair with powerful & delicate massage
Powerful and delicate massage is provided through 3D multi-joint roller, finger-pressure roller, air pocket, finger-pressure air. ZM6000 emulates massage method of Shiatsu, kneading, flapping, knocking and synchronous kneading and flapping.

Sliding (ZERO WALL) function for Small Space Charge!
Zero Wall recliner mechanism for effective space usage

7 Auto Massage Program
7 Auto Program such as stretching, entire body, upper body, lower body, 3 zero gravity mode massages can be selectable according to condition

Specialized stretching mechanism
Powerful stretching including waist heating system providing perfect relaxation & invigorating massage

ZM7300X

Premium Ergonomic Design
Feel the comfort in entire body owing to ergonomic design covering from head to foot

Built-in Dome Type (resonance sound) Bluetooth Speaker System (option)
Enjoy the music during massage through 2 ea Bluetooth speakers built in massage chair

7 Auto Massage Program
7 Auto Program such as stretching, entire body, upper body, lower body, 3 zero gravity mode massages can be selectable according to condition

Detailed & accurate massage
Powerful but delicate massage is provided through 3D multi-joint roller, finger-pressure roller, air pocket, finger-pressure air. ZM7300X emulates massage method of Shiatsu, kneading, flapping, knocking and synchronous kneading and flapping.

Specification

ME770

Cleaning Method	Vacuum suction + Brushes / Mop
Cleaning Mode	Hybrid, Vacuum, Mop, Corner, Intensive, Manual, Reserved, Shadow
Suction Motor	BLDC Motor
Obstacle Detection	Vision sensor, PSD Sensor, RF Sensor, Bumper Sensor
Mop	Washable Big Mop with Aqua Tank
Brush	Main Brush/ Twin Side Brushes
Battery	Lithium Iron Phosphate (LiFePO4) 2800mAh
Water Storage	Up to 150cc
Battery Life	Charge / Use 1000 times
Charging Time	2800mAh Battery : 120 min
Operation Time	Normal 120 min, Turbo 80 min
Dust Bin Size	600ml

ME685 / MR6800M

Cleaning Method	Vacuum suction + Brushes / Mop
Cleaning Mode	Automatic, Mop, Shadow, Corner, Intensive, Manual, Reservation
Suction Motor	BLDC Motor
Obstacle Detection	PSD Sensor, IR Sensor, Bumper Sensor
Mop	Washable Big Mop with Aqua Tank
Brush	Main Brush / Twin Side Brushes
Battery	Lithium Iron Phosphate (LiFePO4)
Water Storage	Up to 150cc
Battery Life	Charge / Use 1000 times
Charging Time	1400mAh Battery : 60 min (Optional) 2800mAh Battery : 120 min
Operation Time	1400mAh Battery : Normal 60 min Turbo 40 min (Optional) 2800mAh Battery : Normal 120 min Turbo 80 min
Dust Bin Size	600ml

ME670 / MR6500

Cleaning Method	Vacuum Suction + Brushes
CleaningMode	Automatic, Corner, Intensive, Manual, Reserved, Shadow
Suction Motor	BLDC Motor
Obstacle Detection	PSD Sensor IR Sensor, Bumper Sensor
Brush	Main Brush / Twin Side Brushes
Battery	Lithium Iron Phosphate (LiFePO4)
Battery Life	Charge / Use 1000 times
Charging Time	1400mAh Battery : 60 min (Optional) 2800mAh Battery : 120 min
Operation Time	1400mAh Battery : Normal 60 min Turbo 40 min (Optional) 2800mAh Battery : Normal 120 min Turbo 80 min
Dust Bin Size	600ml

MR7700

Cleaning Mode	Automatic, Corner, Intensive, Manual, Shadow, Macro, Scheduled
Obstacle Detection	PSD Sensor, RF Sensor, Bumper Sensor
Brush	Main Brush / Twin Side Brushes
Battery	Lithium Iron Phosphate (LiFePO4)
Battery Life	Charge / Use 1000 times
Charging Time	1400mAh Battery : 60 min (Optional) 2800mAh Battery : 120 min
Operation Time	1400mAh Battery : Normal 60 min Turbo 40 min (Optional) 2800mAh Battery : Normal 120 min Turbo 80 min
Dust Bin Size	800ml

RoboSpin

CPU	ARM Cortex-M3
Power consumption	20W
Battery	1400mAh Rechargeable
Charging Time	150min
Operating Time	60min
Operating button	one button (Power/ Start)
Sensor	Motor Overload Detection, Bumper Sensing, Proximity Sensor
Feature	Buzzer Sound Guide, Remote Controller, Variable mop

HC-600

Motor Power	600W
UV Lamp	Ultraviolet rays lamp
UV Lamp Control	Sensor
Display	LED icon display
Filter	High Efficiency filter
Vibration	3,600 RPM
Voltage	110V / 220V
Color	Green / Blue / Red
Option	Air Freshener (Jasmine / Lemon) Smart Handle Sensor (Touch handle sensor)

HC-700

Rated Power Consumption	220V~, 60Hz
Rated Voltage	500W
Product Size	250mm(W) x 304mm(D) x 222mm(H)
Net Weight	2.2Kg
Gross Weight	3.4Kg
Sterilization Wavelength	253.7nm
UV Lamp	6W
Color	Green / Blue / Mint / Red

MONEUAL®

www.moneual.eu

Korea (Zalman Tower) 88, Iljik-ro, Manan-gu, Anyang-si, Gyeonggi-do, Korea / 82 70 4941 6880
German Ludwig-Erhard-Str. 1A, Eingang B, 65760 Eschborn. Germany / 49 (0)6196 773 0755
USA 13825 Norton Ave., Chino, CA 91710, USA / 1 866 399 0600
Japan 3F, Aoyama Compal Bldg, 3-1-7 Minamiaoyama, Minatoku, Tokyo, Japan / 81 03 6804 2430
China Unit A/F1, 16th floor, Gateway Plaza A, 18, XiaGuang-Li, East 3rd Ring North Road, Chaoyang District, Beijing, 100027, P.R.China / 86 10 8440 0296

Copyright© 2014 Moneual Inc. all rights reserved. The MONEUAL is trademark, or registered trademark of Moneual Inc. in the Republic of Korea and/or other countries.